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(54) **NON-CAPACITIVE OR RADIO  
FREQUENCY-TRANSPARENT MATERIALS  
WITH ANODIZED METAL APPEARANCE**

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(57) **ABSTRACT**

Composite structures that have an appearance of an anodized bulk metal but that is non-capacitive and/or radio frequency (RF) transparent are disclosed. The composite structure can be part of an enclosure of an electronic device. The composite structure can give the enclosure a metallic look without interfering with the functioning of some electronic components of the electronic device, such as RF antennas, touch pads and touch screens. Some embodiments involve forming a metal oxide layer and depositing a non-capacitive layer on the metal oxide layer. Some embodiments involve forming an imitation metal oxide layer and depositing a non-capacitive layer on the imitation metal oxide layer.

